AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Withdrawn) A porous secondary battery electrode made of an electrode material of a carbon-carbon composite material in which 30-90 wt% of the carbon-carbon composite material are vapor-phase growth carbon fibers uniformly dispersed in a carbon matrix, the vapor-phase growth carbon fibers having a diameter of 0.01-0.5 μm and a length of 5-300 μm.

2. (Withdrawn) A secondary battery electrode according to Claim 1, wherein said vapor-phase growth carbon fibers are subjected to graphitization at a temperature of 2000°C or above.

Claims 3-4. (Canceled)

5. (Withdrawn) A secondary battery electrode according to Claim 1, wherein said vapor-phase growth carbon fibers is further limited to 50-80 weight % of the carbon-carbon composite material.

6. (Withdrawn) A secondary battery electrode according to Claim 1, wherein said carbon-carbon composite material is subjected to graphitization at a temperature of 2000°C or above.

7. (Currently Amended) A method for producing a ~~the~~ porous secondary battery electrode ~~as set forth in claim 1,~~ made of an electrode material of a carbon-carbon composite material in which 30-90 wt% of the carbon-carbon composite material is vapor-phase growth carbon fibers uniformly dispersed in a carbon matrix, the vapor-phase growth carbon fibers having a diameter of 0.01-0.5 μm and a length of 5-300 μm, said method comprising:

intermixing a synthetic resin with said vapor-phase growth carbon fibers having a diameter of 0.01-0.5 μm and a length of 5-300 μm, wherein the vapor-phase growth carbon fibers are uniformly dispersed in said synthetic resin to obtain a mixture;

molding said mixture into a predetermined shape to form an intermediate molded product; and

heating said intermediate molded product at a heating speed of [[1°C]] 1°C/min to 10 °C/min to turn it into a ~~non-vitreous,~~ porous carbon-carbon composite having numerous pores.

8. (Currently Amended) [[A]] The method for producing the secondary battery electrode according to Claim 7, further comprising a heating step of graphitizing said vapor phase growth phase carbon fibers at a high temperature of 2000°C or above ~~said vapor-phase growth carbon fibers~~ prior to intermixing with a synthetic resin.

9. (Currently Amended) [[A]] The method for producing the secondary battery electrode according to Claim 8 [[7]], wherein said heating step at high temperature

includes two steps of carbonization at the proximity of 1000°C and graphitization at a temperature of 2000°C or above.

10. (Withdrawn) A secondary battery comprising:

the electrode as set forth in Claim 1 as a positive electrode;

a negative electrode; and

an electrolyte into which said positive electrode and said negative electrode are immersed.

11. (Withdrawn) A secondary battery according to Claim 10, wherein said negative electrode is made of a carbon-carbon composite material in which vapor-phase growth carbon fibers are uniformly dispersed in a carbon matrix.

12. (Withdrawn) A secondary battery according to Claim 10, wherein said negative electrode is a metal lithium plate.

13. (Withdrawn) A secondary battery according to Claim 10, wherein said battery is a lithium secondary battery.

14. (Withdrawn) A secondary battery according to Claim 13, wherein said electrolyte contains lithium perchlorate.

15. (Withdrawn) A secondary battery according to Claim 10, wherein said vapor-phase growth carbon fibers are subjected to graphitization at a temperature of 2000°C or above.

16. (Withdrawn) A secondary battery according to Claim 10, wherein a precursor of said carbon matrix is a synthetic resin.

17. (Withdrawn) A secondary battery according to Claim 10, wherein a formulation amount of said vapor-phase growth carbon fibers is 30-90 weight %.

18. (Withdrawn) A secondary battery according to Claim 10, wherein a formulation amount of said vapor-phase growth carbon fibers is 50-80 weight %.

19. (Withdrawn) A secondary battery according to Claim 10, wherein said carbon-carbon composite material is subjected to graphitization at a temperature of 2000°C or above.

20. (Withdrawn) A secondary battery electrode according to claim 1, wherein said vapor-phase growth carbon fibers are subjected to carbonization at a temperature of at least 1000°C.

21. (Withdrawn) A secondary battery electrode according to Claim 1, wherein the carbon-carbon composite material is non-vitreous.

22. (Withdrawn) A secondary battery electrode according to Claim 10, wherein the carbon-carbon composite material is non-vitreous.